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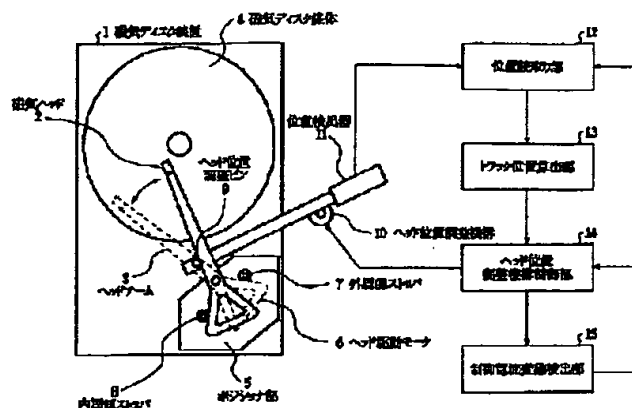
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APPLICANT : NEC CORP;

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TITLE : SERVO TRACK WRITER



ABSTRACT : PURPOSE: To omit stopper removing and fitting processes by writing servo signals in accordance with the position of a magnetic disk device even when the writing range of the servo signals changes at every device due to the positional variation of the stopper.

CONSTITUTION: A head position adjusting pin 9 presses a magnetic head 2 against the inner peripheral-side stopper 8 of a magnetic disk medium 4 by means of a head position adjusting mechanism 10 and a control-current fluctuation detecting section 15 detects the fluctuation of the control current of a head position adjusting mechanism control section 14 and reads the output of a position detector 11. Then the position of each track is calculated from data from a position reading section 4 by moving the pin 9 to a position which is sufficiently separated from a head arm 3 and detecting the fluctuation of the control current of the control section 14 when the pin 9 is moved to the inner peripheral side of the medium 4 by pressing the head arm 3 against the outer peripheral-side stopper 7 of the medium 4. The positioning of the magnetic head 2 to each track is performed on the basis of the calculated value.

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